



Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 22578-002US1	Application No. 10/530,902
	Applicant Graeme Semple, et al.		
	Filing Date April 8, 2005	Group Art Unit 1626	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AB							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AC	Abdallah, et al., "Le dimethylacetal du diazoacetaldehyde: une nouvelle voie d'accès aux formylcyclopropanes et aux formyl pyrazoles", Bulletin De La Societe Chimique De France, No. 5, pp. 794-802.
	AD	Carballo-Jane et al., "Comparison of rat and dog models of vasodilation and lipolysis for the calculation of a therapeutic index for GPR109A agonists," <i>Journal of Pharmacological and Toxicological Methods</i> , Article in Press, doi:10.1016/j.vascn.2007.05.007 (2007).
	AE	Carballo-Jane et al., "Comparison of rat and dog models of vasodilation and lipolysis for the calculation of a therapeutic index for GPR109A agonists," <i>Journal of Pharmacological and Toxicological Methods</i> , 56(3). pp. 308-316, (2007).
	AF	Chemical Abstract, Organic Chemistry, Vol. 46, pp. 7565
	AG	Gharbaoui et al., "Agonist lead identification for the high affinity niacin receptor GPR109a," <i>Bioorganic & Medicinal Chemistry Letters</i> , 17:4914-4919 (2007).
	AH	Jung et al., "Analogues of acifran: agonists of the high and low affinity niacin receptors, GPR109a and GPR109b," <i>Journal of Medicinal Chemistry</i> , 50:1445-1448 (2007).
	AI	Kobayashi, et al. "1,3-Dipolar Cycloaddition of Ethyl Diazoacetate to Alkynes in the Pores of Zeolite NaY", <i>Chemistry Letters</i> Vol. 36, No. 1, (2007), pp. 60-61.
	AJ	Maciejewski-Lenoir et al., "Langerhans cells release prostaglandin D ₂ in response to nicotinic acid," <i>Journal of Investigative Dermatology</i> (2006) 126:2637-2646.
	AK	Richman et al., "Nicotinic acid receptor agonists differentially activate downstream effectors," <i>The Journal of Biological Chemistry</i> , 282:18028-18036, (2007).
	AL	Semple et al., "Recent progress in the discovery of niacin receptor agonists," <i>Current Opinion in Drug Discovery & Development</i> , 10:452-459, (2007).
	AM	Semple et al., "1-Alkyl-benzotriazole-5-carboxylic acids are highly selective agonists of the human orphan G-protein-coupled receptor GPR109b," <i>Journal of Medicinal Chemistry</i> (2006) 49:1227-1230.
	AN	Semple, "Niacin receptor agonists," <i>Presentation, American Chemical Society 233rd National Meeting & Exposition</i> , March 25, 2007 – March 29, 2007, Chicago, Illinois
	AO	Semple, "Discovery of selective agonists for GPR109a and GPR109b, the high and low affinity receptors for niacin," <i>Presentation, GPCRs in Medicinal Chemistry</i> , jointly organized by the Society of Chemical Industry, Royal Society of Chemistry and the Societa Chimica Italiana, September 18, 2006 – September 20, 2006, Verona, Italy

Examiner Signature	Date Considered
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	AP	Skinner et al, "Fluorinated pyrazole acids are agonists of the high affinity niacin receptor GPR109a," <u>Poster</u> , 30 th National Medicinal Chemistry Symposium, June 25, 2006 – June 29, 2006, Seattle, WA
	AQ	Tabarelli, et al., "Antinociceptive effect of novel pyrazolines in mice", <i>Brazilian Journal of Medical and Biological Research</i> , (2004) 37: 1531-1540.
	AR	Taggart et al., "(D)-β-Hydroxybutyrate inhibits adipocyte lipolysis via the nicotinic acid receptor PUMA-G," <i>The Journal of Biological Chemistry</i> (2005) 280:26649-26652.
	AS	Tretyakov, et al., "1,3-Dipolar cycloaddition in the synthesis of pyrazolyl-substituted nitronyl nitroxides", <i>Russian Chemical Bulletin, International Edition</i> , (2005), Vol. 54, No. 9, pp. 2169-2181.

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